Substitute

PTO/SB/08A (AW 4/25/03) (04-03) Approved for use through 04/30/2004. OMB 0651-0031 U.S. Pateni and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATIO	N DISC	CLOSURE
STATEMENT	BY AP	PLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

	Complete if Known	
Application Number	10/727,939	
Filing Date	December 03, 2003	
First Named Inventor	Wen-Bin Yan	
Art Unit		
Examiner Name		
Attorney Docket No.	TGR-106US	

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		Document Number			Pages, Columns, Lines, Where
Examiner Initials*	Cite No.1	Number - Kind Code ^{2 (if known)}	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
7	•	US-5,528,040	06/18/1996	Lehmann	Entire Document
7	,	US-5,973,864	10/26/1999	Lehmann et al.	Entire Document
D-		US-6,040,915	03/21/00	Wu et al.	Entire Document
RN		US-6,466,322 B1	10/15/2002	Paldus et al.	Entire Document
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FOREIGN PATENT DOCUMENTS						
		Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Examiner Initials*	Cite No. ¹	Country Code ³ - Number ⁴ - Kind Code ^{5 (I known)}	Publication Date (MM-DD-YYYY)	Applicant of Cited Document	Passages or Relevant Figures Appear	T⁵
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Examiner Date 06 Signature Considered

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Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language translation is attached.

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PTO/SB/08b (08-03) (AW 10/2003)
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	Substitute for Form 1449B/PTO		Complete if Known	\
		Application Number	10/727,939	
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date	December 3, 2003	
		First Named Inventor	Wen-Bin Yan	
	(Use as many sheets as necessary)	Art Unit		
		Examiner Name		
	SHEET 2 of 2	Attorney Docket No.	TGR-106US	

		NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*						
3		RICHARD ENGELN and GIEL BERDEN, "Cavity Ring Down Absorption Spectroscopy", May 22, 2001, pages 1-9				
5		RICHARD ENGELN and GERARD MEIJER, "A Fourier Transform Cavity Ring Down Spectrometer", Rev. Sci, Instrum. 67,2708 (1996), Dept. of Molecular and Laser Physics, University of Nijmegen, pages 1-7				
SM		A.J. HALLOCK, E.S.F. BERMAN, and R.N. ZARE, "Use of Broadband, Continuous-Wave Diode Lasers in Cavity Ring-Down Spectroscopy for Liquid Samples", January 10, 2003, Applied Spectroscopy, Vol. 57, No. 5. 2003, pages 571-573				
PM		ALEXANDER J. HALLOCK, ELENA S.F. BERMAN, AND RICHARD N. ZARE, "Ultratrace Kinetic Measurements of the Reduction of Methylene Blue", August 13, 2002, J. AM. CHEM. SOC. Vol. 125, No. 5. 2003, pages 1158-1159				
BM		K. J. SCHULZ and W. R. SIMPSON, "Frequency-Matched Cavity Ring-Down Spectroscopy", Chem. Phys. Lett. October 14, 1998, Geophysical Institute and Chemistry Department, University of Alaska Fairbanks, pages 1-9, Figure 1				
Pr		"Use of Broadband Light Source for CRDS", Office of Technology Licensing, Stamford University, Stamford Reference S02-221, 3 pages				
		D. 0				
Examiner Signature	*	Date Considered 2/21/56	'			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

	Complete if Known	
Application Number	10/727,939	
Filing Date	December 3, 2003	
First Named Inventor	Wen-Bin Yan	
Art Unit	2878	
Examiner Name		
Attorney Docket No.	TGR-106US	

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number - Kind Code ^{2 (if known)}	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
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	FOREIGN PATENT DOCUMENTS					
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Examiner Initials*	Cite No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	Publication Date (MM-DD-YYYY)	Applicant of Cited Document	Figures Appear	Т6
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Date Examiner Signature

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	INFORMATION DISCLOSURE	Filing Date	December 3, 2003	
	STATEMENT BY APPLICANT	First Named Inventor	Wen-Bin Yan	
	(Use as many sheets as necessary)	Art Unit	2878	
		Examiner Name	·	
	SHEET 2 of 2	Attorney Docket No.	TGR-106US	

		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
R		SYNDER ET AL., Cavity Ring-Down Spectroscopy as a Detector for Liquid Chromatography, Analytical Chemistry, Vol. 75, No. 13, July 1, 2003, pps. 3086-3091	
2		XU ET AL., Cavity ring-down spectroscopy in the liquid phase, Review of Scientific Instruments, Vol. 73, No. 2, Part 1, February 2002, pps. 255-258	
~		International Search Report for PCT International Application No. PCT/US2004/040079, mailed March 14, 2005	
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Examiner		Date Considered 2/21/06	

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